

LISTING OF CLAIMS

Claims 1-19 are pending in this application. Claims 1-19 are herein amended as shown below, with no new matter being added by the amendments presented herein.

The following listing of claims will replace all prior versions and listings, of claims in this application.

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1. (Currently Amended) A remote control apparatus for remote controlling an image sensing apparatus by changing image sensing conditions of the image sensing apparatus, said remote control apparatus comprising:

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a map display means for displaying device which displays map information;
a state display means for obtaining device which obtains parameters of the image sensing apparatus and displaying displays symbol which indicates a position and state of the image sensing apparatus on the map information displayed by said map display means device on the basis of the parameters;

a designation means for designating device which allows direct designation on the displayed map information of an image sensing area to be sensed by the image sensing apparatus on the map information without changing the state of the symbol; and

a control value calculation means for calculating device which calculates a control value for controlling an angle of view of the image sensing apparatus on the basis of a size of the image sensing area designated by said designation means device.

2. (Currently Amended) The remote control apparatus according to claim 1, wherein said control value calculation means device further calculates a direction and an angle of view of the image sensing apparatus on the basis of the image sensing area designated by said

designation device.

3. (Currently Amended) The remote control apparatus according to claim 1, wherein said state display ~~means~~ device obtains the parameters of the image sensing apparatus at a predetermined time interval.

4. (Currently Amended) The remote control apparatus according to claim [[1]] 2, wherein the parameters include[[s]] a direction of the image sensing apparatus.

5. (Currently Amended) The remote control apparatus according to claim 1, wherein the parameters include[[s]] an angle of view of the image sensing apparatus.

6. (Currently Amended) The remote control apparatus according to claim [[1]] 2, wherein said control value calculation ~~means~~ device calculates a rectangular area which circumscribes the image sensing area designated by said designation ~~means~~ device, obtains X and Y coordinates of each vertex of the rectangular area on the map information, and determines a direction to the center of the rectangular area as ~~a~~ the direction of the image sensing apparatus, and a smallest angle which includes all the vertices of the rectangular area is determined as ~~an~~ the angle of view of the image sensing apparatus.

7. (Currently Amended) An image sensing system which remote controls an image sensing apparatus by changing image sensing conditions of the image sensing apparatus, said system comprising:

~~a map display means for displaying device which displays~~ map information;

~~a state display means for obtaining device which obtains~~ parameters of the image sensing apparatus and ~~displaying~~ displays a symbol which indicates a position and state of the image sensing apparatus on the map information displayed by said map display ~~means~~ device on the basis of the parameters;

a designation means for designating device which allows direct designation on the displayed map information of an image sensing area to be sensed by the image sensing apparatus without changing the state of the symbol on the map information; and

a control means for controlling device which controls an angle of view of the image sensing apparatus on the basis of a size of the designation by said designation means device.

8. (Currently Amended) The image sensing system according to claim 7, wherein said control ~~means~~ device further controls a direction ~~and an angle of view~~ of the image sensing apparatus on the basis of the image sensing area designated by said designation device.

9. (Currently Amended) The image sensing system according to claim 7, wherein said state display ~~means~~ device obtains the parameters of the image sensing apparatus at a predetermined time interval.

10. (Currently Amended) The image sensing system according to claim [[7]] 8, wherein the parameters include[[s]] a direction of the image sensing apparatus.

11. (Currently Amended) The image sensing system according to claim 7, wherein the parameters include[[s]] an angle of view of the image sensing apparatus.

12. (Currently Amended) The image sensing system according to claim [[7]] 8, further comprising a control value calculation means for calculating device which calculates a control value for controlling the image sensing apparatus on the basis of the image sensing area designated by said designation ~~means~~ device and outputting the control value to said control ~~means~~ device,

wherein said control value calculation ~~means~~ device calculates a rectangular area which circumscribes the image sensing area designated by said designation ~~means~~ device,

obtains X and Y coordinates of each vertex of the rectangular area on the map information, and determines a direction to the center of the rectangular area as a the direction of the image sensing apparatus, and a smallest angle which includes all the vertices of the rectangular area is determined as an the angle of view of the image sensing apparatus.

13. (Currently Amended) A remote control method for remote controlling an image sensing apparatus by changing image sensing conditions of the image sensing apparatus, said method comprising:

~~a map display step of displaying map information;~~
~~a parameter obtaining step of obtaining parameters of the image sensing apparatus;~~
~~a state display step of displaying a symbol which indicates a position and state of the image sensing apparatus on the displayed map information displayed in said map display step on the basis of the obtained parameters obtained in said parameter obtaining step;~~

~~a designation step of directly designating on the displayed map information an image sensing area to be sensed by the image sensing apparatus on the map information without changing the state of the symbol; and~~

~~a control step of controlling an angle of view of the image sensing apparatus on the basis of the designation in said designation step a size of the designated image sensing area.~~

14. (Currently Amended) The remote control method according to claim 13, ~~wherein, in said control step, further comprising controlling a direction and an angle of view of the image sensing apparatus are controlled on the basis of the designated image sensing area.~~

15. (Currently Amended) The remote control method according to claim 13, ~~wherein, in said state display step, the parameters of the image sensing apparatus are obtained at~~

a predetermined time interval.

16. (Currently Amended) The remote control method according to claim [[13]] 14, wherein the parameters include[[s]] a direction of the image sensing apparatus.

17. (Currently Amended) The remote control method according to claim 13, wherein the parameters include[[s]] an angle of view of the image sensing apparatus.

18. (Currently Amended) The remote control method according to claim [[13]] 14, further comprising ~~a control value calculation step~~ of calculating a control value for controlling the image sensing apparatus on the basis of the designated image sensing area ~~designated in said designation step~~ and outputting the control value,

wherein, in ~~said control value calculation step~~ calculating the control value, a rectangular area which circumscribes the designated image sensing ~~area designated in said designation step~~ is calculated, X and Y coordinates of each vertex of the rectangular area on the map information are obtained, and a direction to the center of the rectangular area is determined as a ~~the~~ direction of the image sensing apparatus, and a smallest angle which includes all the vertices of the rectangular area is determined as an ~~the~~ angle of view of the image sensing apparatus.

19. (Currently Amended) A computer program product comprising a computer usable medium having computer readable program code ~~means~~ embodied in said medium for remote controlling an image sensing apparatus by changing image sensing conditions of the image sensing apparatus, said product comprising:

first computer readable program code ~~means of a map display step~~ for displaying map information;

second computer readable program code ~~means of a parameter obtaining step~~ for

obtaining parameters of the image sensing apparatus;

third computer readable program code ~~means of a state display step~~ for displaying a symbol which indicates a position and state of the image sensing apparatus on the displayed map information ~~displayed in said map display step~~ on the basis of the parameters obtained in ~~said parameter obtaining step by said second computer readable parameter obtaining program code;~~

fourth computer readable program code ~~means of a designation step~~ for designating allowing direct designation on the displayed map information of an image sensing area to be sensed by the image sensing apparatus ~~on the map information without changing the state of the symbol; and~~

fifth computer readable program code ~~means of control step~~ for controlling ~~an angle of view of the image sensing apparatus on the basis of a size of the designation in said designation step designated image sensing area.~~